



303 Veterans Airpark Lane Midland, TX 79705

Closure Report

July 13, 2021

Re: J R Phillips #006

Case # nAPP21111342465

On 4/16/2021 a release occurred due to well pressure leading to the release of wellbore fluids to the surface. The release (GPS: 32.60748, -103.30545) is located south of Monument, NM in unit letter B section 1 township 20S range 36E. A groundwater survey was conducted utilizing NMOSE wells of record. The nearest well suggest that groundwater beneath the release is 38 feet.

On 5/4/2021 area was delineated to a depth of 1 foot utilizing a hand auger. All samples were collected and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. On 5/7/2021 sample point 1 (SP1) was taken to a depth of 2 feet utilizing a hand auger. SP1 was collected and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX.

On 6/21/2021 the release area was excavated to a depth of 2 feet. On 6/23/2021 final 5-point bottom and wall samples were collected not to exceed 200 square feet. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Laboratory results showed sample B3 was above table one standards with the remainder of the samples showing to be below table one standards for releases 50 feet or less to groundwater. On 7/2/2021 the area was excavated to a depth of 2 ½ feet. All samples were collected and taken to a commercial laboratory for analysis of TPH and BTEX. Laboratory results were below table one standards for releases 50 feet or less to groundwater. All excavated material (250 yards) was hauled to an OCD approved disposal facility. The excavation was backfilled with clean imported caliche and the pad was restored.

Apache Corporation has completed remediation to below table one standards and respectfully request event # nAPP21111342465 be closed.

Enclosed: C-141, Maps, Sample Data, Laboratory Results, Photos, and Field Data.

Submitted by;

A handwritten signature in black ink that reads "Jeff Broom".

Environmental Technician

jeffrey.broom@apachecorp.com

Cell# 432-448-5789

District I
1625 N French Dr., Hobbs, NM 88240
District II
811 S First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Apache Corporation	OGRID 873
Contact Name Larry Baker	Contact Telephone 432-631-6982
Contact email larry.baker@apachecorp.com	Incident # (assigned by OCD)
Contact mailing address 303 Veterans Airpark Lane Midland TX 79705	

Location of Release Source

Latitude 32.60748 Longitude -103.30545
(NAD 83 in decimal degrees to 5 decimal places)

Site Name JR. Phillips # 6	Site Type Oil Well
Date Release Discovered 4/16/2021	API# (if applicable) 30-025-04135

Unit Letter	Section	Township	Range	County
B	1	20S	36E	Lea

Surface Owner: State Federal Tribal Private (Name: James R Byrd)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 40 barrels	Volume Recovered (bbls) 35 barrels
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 5 barrels	Volume Recovered (bbls) 2 barrels
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release **A pulling unit crew prepared a well to and ESP removal when they encountered un-expected well pressure leading to the release of wellbore fluids to surface.**

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
---	--

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
 Larry Baker notified Jim Griswold, Mike Bratcher via email on 4/16/2021 at 6:21 p.m.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- The source of the release has been stopped.
- The impacted area has been secured to protect human health and the environment.
- Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Larry Baker Title: Environmental Tech SR.
 Signature: Larry Baker Date: 4/22/2021
 email: larry.baker@apachecorp.com Telephone: 432-631-6982

OCD Only
 Received by: _____ Date: _____

Volume Calculation

524.79 cubic feet of soil contamination X 7.48 gallons per cubic foot = 3925 gallons/42 gallons to a barrel= 93.46 barrels X .05 soil porosity= 4.67 + 37 recovered = 41.67 barrels + 4 barrels of over spray = 45.67 barrels lost

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>38'</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by ODE 7/16/2021 12:41:40 PM

Released to Imaging: 8/19/2021 12:43:42 PM

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Jeffrey Broom

Title: Environmental Technician III

Signature: 

Date: 7/13/2021

Email: Jeffrey.Broom@apachecorp.com

Telephone: 432.448.5789

OCD Only

Received by: _____

Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Jeffrey Broom

Title: Environmental Technician III

Signature: 

Date: 7/13/2021

Email: Jeffrey.Broom@apachecorp.com

Telephone: 432.448.5789

OCD Only

Received by: Chad Hensley

Date: 08/19/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: 

Date: 08/19/2021

Printed Name: Chad Hensley

Title: Environmental Specialist Advanced



Monument Hwy

322

L-12434

L-12432

Poodle Ln

J R Phillips #006

S Bredy Ln

L-03814

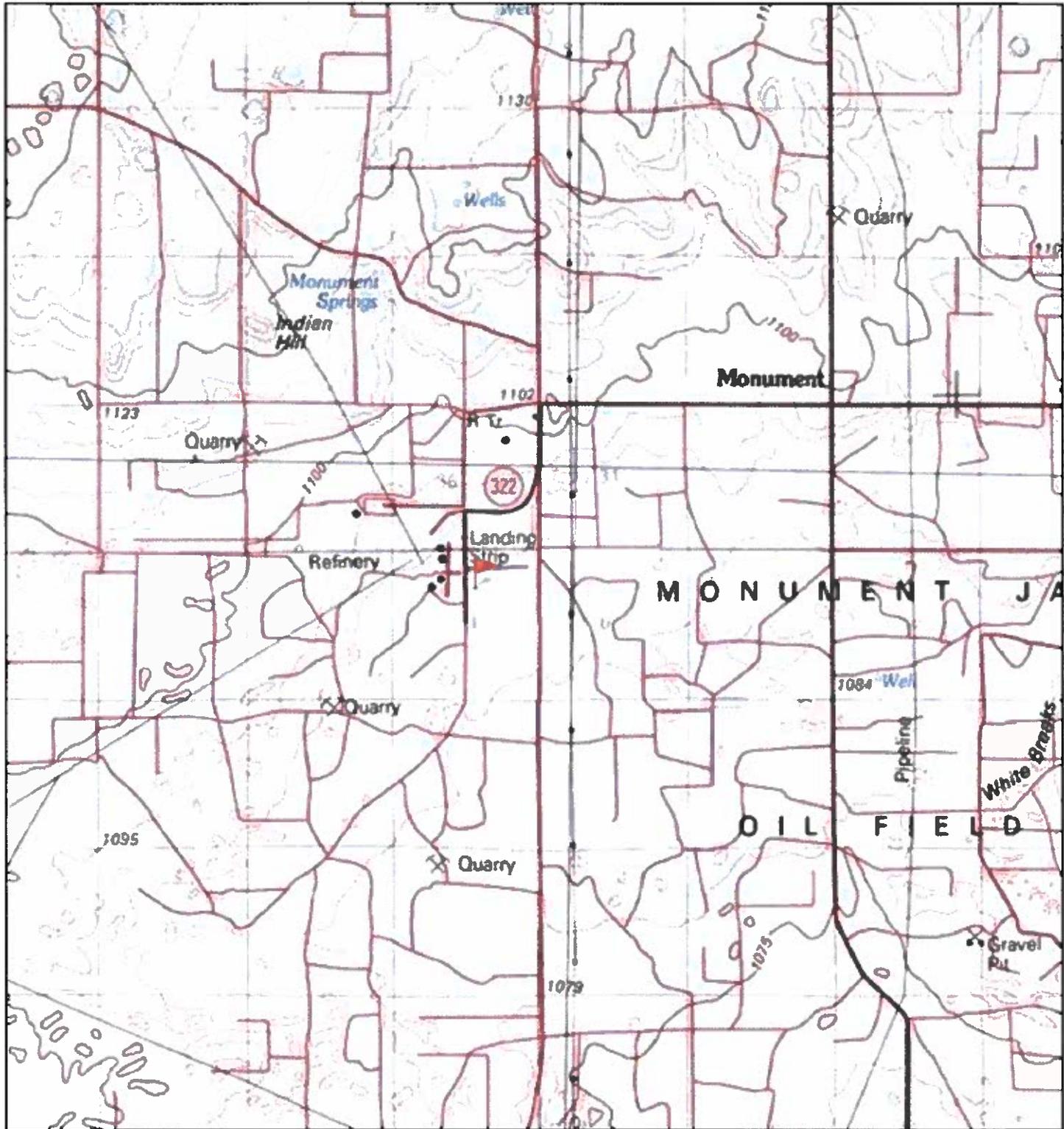
Maddox Rd

41

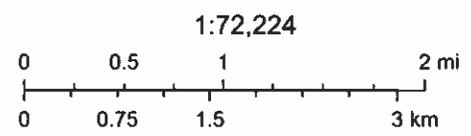
1421 ft

© 2021 Google

Google Earth



July 13, 2021



Copyright © 2013 National Geographic Society, i-cubed

Delineation Samples

Sample Date	Sample ID	Depth	Chloride Field	Chloride Lab	Benzene	Toulene	Ethybenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO	GPS Coordinates
5/4/2021	SP1 @ Surface	S	457	448	<0.500	3.05	6.46	107	116	3,630	23,600	3,470	32.6075280 -103.305440
5/4/2021	SP1 @ 1'	1'	215	16	<0.050	<0.050	<0.050	0.225	<0.300	<10.0	165	50.7	
5/7/2021	SP1 @ 2'	2'	N/A	N/A	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	67.6	<10.0	
5/4/2021	SP2 @ Surface	S	163	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18	<10.0	32.6073405 -103.3053463
5/4/2021	SP2 @ 1'	1'	53	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	74.9	<10.0	
5/4/2021	SP3 @ Surface	S	80	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	36.2	<10.0	32.6073159 -103.3055354
5/4/2021	SP3 @ 1'	1'	26	32.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.7	<10.0	

Remediation Samples

Sample Date	Sample ID	Depth	Chloride Field	Chloride Lab	Benzene	Toulene	Ethybenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO	GPS Coordinates
6/23/2021	W1	2'	172	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
6/23/2021	W2	2'	88	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
7/2/2021	W3	2.5'	N/A	N/A	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
7/2/2021	W4	2.5'	N/A	N/A	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
7/2/2021	W5	2.5'	N/A	N/A	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
7/2/2021	W6	2.5'	N/A	N/A	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
6/23/2021	B1 @ 2'	2'	115	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.4	<10.0	
6/23/2021	B2 @ 2'	2'	147	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	68.3	<10.0	
6/23/2021	B3 @ 2'	2'	118	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	138	16.7	
7/2/2021	B3 @ 2.5'	2.5'	N/A	N/A	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
6/23/2021	B4 @ 2'	2'	119	32.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	95.4	<10.0	
6/23/2021	B5 @ 2'	2'	89	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.1	<10.0	
6/23/2021	B6 @ 2'	2'	297	176	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
6/23/2021	B7 @ 2'	2'	203	128	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.1	<10.0	
6/23/2021	B8 @ 2'	2'	238	96	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
6/23/2021	B9 @ 2'	2'	149	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
6/23/2021	B10 @ 2'	2'	149	96	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	28.2	<10.0	
6/23/2021	B11 @ 2'	2'	205	96	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	



SP1

SP2

SP3

100 ft

© 2021 Google

Google Earth



© 2021 Google

Google Earth





© 2021 Google

Google Earth





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 12, 2021

JEFFREY BROOM

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: J R PHILLIPS #6

Enclosed are the results of analyses for samples received by the laboratory on 05/07/21 15:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	05/07/2021	Sampling Date:	05/07/2021
Reported:	05/12/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: SP 1 @ 2' (H211184-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.07	104	2.00	1.52	
Toluene*	<0.050	0.050	05/10/2021	ND	2.02	101	2.00	0.192	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.97	98.3	2.00	1.17	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.89	98.2	6.00	0.780	
Total BTEX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	207	103	200	0.414	
DRO >C10-C28*	67.6	10.0	05/10/2021	ND	222	111	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 89.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.1 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Apex</u> Project Manager: <u>Jeff Brown</u>		BILL TO		P.O. #: Company: Attn: Address: City: State: <u>NM</u> Zip: <u>88240</u>	
Address: <u>Hobbs</u>		State: <u>NM</u> Zip: <u>88240</u>		City: State: Zip:	
City: <u>Hobbs</u>		Project Owner:		Phone #: Fax #:	
Project #:		Project Location: <u>JR Phillips #6</u>		Phone #: Fax #:	
Project Name:		Sampler Name:		PRESERV:	
FOR LAB USE ONLY		MATRIX:		SAMPLING:	
Lab I.D. <u>H21184</u>		Sample I.D. <u>SR1 @ 2'</u>		DATE: <u>5/7</u> TIME: <u>1:48</u>	
(G)RAB OR (C)OMP. <u>G</u>		# CONTAINERS <u>1</u>		X EXT TPH	
GROUNDWATER		WASTEWATER		X BTEX	
SOIL		OIL			
SLUDGE		OTHER:			
ACID/BASE:		(ICE) COOL			
OTHER:		DATE:			
TIME:		RECEIVED BY: <u>[Signature]</u>		CHECKED BY: <u>[Signature]</u>	
Date: <u>5/8/21</u>		Date: <u>5/8/21</u>		Turnaround Time:	
Time: <u>15:35</u>		Time:		Standard <input checked="" type="checkbox"/> <u>Rush</u>	
Relinquished By: <u>[Signature]</u>		Received By: <u>[Signature]</u>		Bacteria (only) <input checked="" type="checkbox"/>	
Relinquished Date:		Received Date:		Cool Intact <input type="checkbox"/>	
Delivered By: (Circle One)		Observed Temp. °C <u>4.3</u>		Sample Condition <input checked="" type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact <input type="checkbox"/>	
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Bacteria (only) <input type="checkbox"/>	
All Results are emailed: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Cool Intact <input type="checkbox"/>	
REMARKS:		Turnaround Time:		Corrected Temp. °C	
Thermometer ID #113		Correction Factor None		Corrected Temp. °C	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 06, 2021

JEFFREY BROOM

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: J R PHILLIPS #6

Enclosed are the results of analyses for samples received by the laboratory on 05/04/21 16:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	05/04/2021	Sampling Date:	05/04/2021
Reported:	05/06/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: SP 1 @ SURFACE (H211139-01)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	05/06/2021	ND	2.00	100	2.00	3.30	GC-NC	
Toluene*	3.05	0.500	05/06/2021	ND	2.09	104	2.00	2.23	GC-NC1	
Ethylbenzene*	6.46	0.500	05/06/2021	ND	2.06	103	2.00	2.06		
Total Xylenes*	107	1.50	05/06/2021	ND	5.95	99.2	6.00	0.827		
Total BTEX	116	3.00	05/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 236 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	05/06/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	3630	100	05/05/2021	ND	185	92.3	200	0.472		
DRO >C10-C28*	23600	100	05/05/2021	ND	188	93.9	200	0.848		
EXT DRO >C28-C36	3470	100	05/05/2021	ND						

Surrogate: 1-Chlorooctane 379 % 44.3-133

Surrogate: 1-Chlorooctadecane 587 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	05/04/2021	Sampling Date:	05/04/2021
Reported:	05/06/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: SP 1 @ 1' (H211139-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2021	ND	2.00	100	2.00	3.30	
Toluene*	<0.050	0.050	05/05/2021	ND	2.09	104	2.00	2.23	
Ethylbenzene*	<0.050	0.050	05/05/2021	ND	2.06	103	2.00	2.06	
Total Xylenes*	0.225	0.150	05/05/2021	ND	5.95	99.2	6.00	0.827	
Total BTEX	<0.300	0.300	05/05/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/06/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2021	ND	185	92.3	200	0.472	
DRO >C10-C28*	165	10.0	05/05/2021	ND	188	93.9	200	0.848	
EXT DRO >C28-C36	50.7	10.0	05/05/2021	ND					

Surrogate: 1-Chlorooctane 95.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 109 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	05/04/2021	Sampling Date:	05/04/2021
Reported:	05/06/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: SP 2 @ SURFACE (H211139-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2021	ND	2.00	100	2.00	3.30		
Toluene*	<0.050	0.050	05/06/2021	ND	2.09	104	2.00	2.23		
Ethylbenzene*	<0.050	0.050	05/06/2021	ND	2.06	103	2.00	2.06		
Total Xylenes*	<0.150	0.150	05/06/2021	ND	5.95	99.2	6.00	0.827		
Total BTEX	<0.300	0.300	05/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/06/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2021	ND	185	92.3	200	0.472		
DRO >C10-C28*	18.0	10.0	05/05/2021	ND	188	93.9	200	0.848		
EXT DRO >C28-C36	<10.0	10.0	05/05/2021	ND						

Surrogate: 1-Chlorooctane 93.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.9 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	05/04/2021	Sampling Date:	05/04/2021
Reported:	05/06/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: SP 2 @ 1' (H211139-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2021	ND	2.00	100	2.00	3.30		
Toluene*	<0.050	0.050	05/06/2021	ND	2.09	104	2.00	2.23		
Ethylbenzene*	<0.050	0.050	05/06/2021	ND	2.06	103	2.00	2.06		
Total Xylenes*	<0.150	0.150	05/06/2021	ND	5.95	99.2	6.00	0.827		
Total BTEX	<0.300	0.300	05/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/06/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2021	ND	185	92.3	200	0.472		
DRO >C10-C28*	74.9	10.0	05/05/2021	ND	188	93.9	200	0.848		
EXT DRO >C28-C36	<10.0	10.0	05/05/2021	ND						

Surrogate: 1-Chlorooctane 86.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.9 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	05/04/2021	Sampling Date:	05/04/2021
Reported:	05/06/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: SP 3 @ SURFACE (H211139-05)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2021	ND	2.00	100	2.00	3.30		
Toluene*	<0.050	0.050	05/06/2021	ND	2.09	104	2.00	2.23		
Ethylbenzene*	<0.050	0.050	05/06/2021	ND	2.06	103	2.00	2.06		
Total Xylenes*	<0.150	0.150	05/06/2021	ND	5.95	99.2	6.00	0.827		
Total BTEX	<0.300	0.300	05/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/06/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2021	ND	185	92.3	200	0.472		
DRO >C10-C28*	36.2	10.0	05/05/2021	ND	188	93.9	200	0.848		
EXT DRO >C28-C36	<10.0	10.0	05/05/2021	ND						

Surrogate: 1-Chlorooctane 90.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.2 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	05/04/2021	Sampling Date:	05/04/2021
Reported:	05/06/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: SP 3 @ 1' (H211139-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2021	ND	2.00	100	2.00	3.30	
Toluene*	<0.050	0.050	05/06/2021	ND	2.09	104	2.00	2.23	
Ethylbenzene*	<0.050	0.050	05/06/2021	ND	2.06	103	2.00	2.06	
Total Xylenes*	<0.150	0.150	05/06/2021	ND	5.95	99.2	6.00	0.827	
Total BTEX	<0.300	0.300	05/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/06/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2021	ND	185	92.3	200	0.472	
DRO >C10-C28*	14.7	10.0	05/05/2021	ND	188	93.9	200	0.848	
EXT DRO >C28-C36	<10.0	10.0	05/05/2021	ND					

Surrogate: 1-Chlorooctane 85.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.8 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
- GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Archie</u> Project Manager: <u>Self Brown</u>		P.O. #: Company:	
Address: City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn: Address:	
Phone #: Fax #: Project #: Project Owner:		City: State: Zip:	
Project Location: <u>SR Phillips #6</u>		Phone #: Fax #:	
Sampler Name: <u>Self Brown</u>		FOR LAB USE ONLY	

Lab I.D.	Sample I.D.	G/RAB/OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	CI	BTEX	EXT TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
<u>H21139</u>	<u>1 SP1 Surface</u>	<u>G</u>	<u>1</u>									<u>5/4/21</u>	<u>8:30</u>	<u>1</u>	<u>1</u>	<u>1</u>
	<u>2 SP1 @ 1'</u>	<u>G</u>	<u>1</u>									<u>5/4/21</u>	<u>8:22</u>	<u>1</u>	<u>1</u>	<u>1</u>
	<u>3 SP2 Surface</u>	<u>G</u>	<u>1</u>									<u>5/4/21</u>	<u>8:24</u>	<u>1</u>	<u>1</u>	<u>1</u>
	<u>4 SP2 @ 11'</u>	<u>G</u>	<u>1</u>									<u>5/4/21</u>	<u>8:26</u>	<u>1</u>	<u>1</u>	<u>1</u>
	<u>5 SP3 Surface</u>	<u>G</u>	<u>1</u>									<u>5/4/21</u>	<u>8:28</u>	<u>1</u>	<u>1</u>	<u>1</u>
	<u>6 SP3 @ 14'</u>	<u>G</u>	<u>1</u>									<u>5/4/21</u>	<u>8:30</u>	<u>1</u>	<u>1</u>	<u>1</u>

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>Michelle</u>	Date: <u>5/4/21</u>	Received By: <u>Sumita Chatterjee</u>
Time: <u>4:38</u>		

Delivered By: (Circle One) Observed Temp. °C 4.1 Sample Condition: Cool Intact Yes No

Sampler - UPS - Bus - Other: Corrected Temp. °C _____

Turnaround Time: _____ Standard Rush Bacteria (only) Sample Condition: Cool Intact Yes No

Thermometer ID #113 Correction Factor None Observed Temp. °C _____ Corrected Temp. °C _____

Remarks: 2 - Mail Resu HS Self Brown

Verbal Result: Yes No Add'l Phone #: _____

All Results are emailed. Please provide Email address: _____

FORM 1000-REV 1-00/09/20

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 28, 2021

JEFFREY BROOM

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: J R PHILLIPS #6

Enclosed are the results of analyses for samples received by the laboratory on 06/23/21 15:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	06/23/2021	Sampling Date:	06/23/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: W 1 (H211635-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2021	ND	1.99	99.3	2.00	4.51	
Toluene*	<0.050	0.050	06/25/2021	ND	1.90	95.1	2.00	5.29	
Ethylbenzene*	<0.050	0.050	06/25/2021	ND	1.83	91.7	2.00	4.14	
Total Xylenes*	<0.150	0.150	06/25/2021	ND	5.57	92.8	6.00	3.68	
Total BTEX	<0.300	0.300	06/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/25/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2021	ND	201	101	200	1.20	
DRO >C10-C28*	<10.0	10.0	06/25/2021	ND	214	107	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/25/2021	ND					

Surrogate: 1-Chlorooctane 82.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.4 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	06/23/2021	Sampling Date:	06/23/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: W 2 (H211635-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2021	ND	1.99	99.3	2.00	4.51	
Toluene*	<0.050	0.050	06/25/2021	ND	1.90	95.1	2.00	5.29	
Ethylbenzene*	<0.050	0.050	06/25/2021	ND	1.83	91.7	2.00	4.14	
Total Xylenes*	<0.150	0.150	06/25/2021	ND	5.57	92.8	6.00	3.68	
Total BTEX	<0.300	0.300	06/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/25/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2021	ND	201	101	200	1.20	
DRO >C10-C28*	<10.0	10.0	06/25/2021	ND	214	107	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/25/2021	ND					

Surrogate: 1-Chlorooctane 80.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.4 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	06/23/2021	Sampling Date:	06/23/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: B 1 @ 2' (H211635-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2021	ND	1.99	99.3	2.00	4.51		
Toluene*	<0.050	0.050	06/25/2021	ND	1.90	95.1	2.00	5.29		
Ethylbenzene*	<0.050	0.050	06/25/2021	ND	1.83	91.7	2.00	4.14		
Total Xylenes*	<0.150	0.150	06/25/2021	ND	5.57	92.8	6.00	3.68		
Total BTEX	<0.300	0.300	06/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/25/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/25/2021	ND	201	101	200	1.20		
DRO >C10-C28*	32.4	10.0	06/25/2021	ND	214	107	200	0.552		
EXT DRO >C28-C36	<10.0	10.0	06/25/2021	ND						

Surrogate: 1-Chlorooctane 73.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.1 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	06/23/2021	Sampling Date:	06/23/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: B 2 @ 2' (H211635-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2021	ND	1.99	99.3	2.00	4.51	
Toluene*	<0.050	0.050	06/25/2021	ND	1.90	95.1	2.00	5.29	
Ethylbenzene*	<0.050	0.050	06/25/2021	ND	1.83	91.7	2.00	4.14	
Total Xylenes*	<0.150	0.150	06/25/2021	ND	5.57	92.8	6.00	3.68	
Total BTEX	<0.300	0.300	06/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/25/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2021	ND	201	101	200	1.20	
DRO >C10-C28*	68.3	10.0	06/25/2021	ND	214	107	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/25/2021	ND					

Surrogate: 1-Chlorooctane 70.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.6 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	06/23/2021	Sampling Date:	06/23/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: B 3 @ 2' (H211635-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2021	ND	1.99	99.3	2.00	4.51	
Toluene*	<0.050	0.050	06/25/2021	ND	1.90	95.1	2.00	5.29	
Ethylbenzene*	<0.050	0.050	06/25/2021	ND	1.83	91.7	2.00	4.14	
Total Xylenes*	<0.150	0.150	06/25/2021	ND	5.57	92.8	6.00	3.68	
Total BTEX	<0.300	0.300	06/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/25/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2021	ND	201	101	200	1.20	
DRO >C10-C28*	138	10.0	06/25/2021	ND	214	107	200	0.552	
EXT DRO >C28-C36	16.7	10.0	06/25/2021	ND					

Surrogate: 1-Chlorooctane 77.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.0 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	06/23/2021	Sampling Date:	06/23/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: B 4 @ 2' (H211635-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2021	ND	1.99	99.3	2.00	4.51	
Toluene*	<0.050	0.050	06/25/2021	ND	1.90	95.1	2.00	5.29	
Ethylbenzene*	<0.050	0.050	06/25/2021	ND	1.83	91.7	2.00	4.14	
Total Xylenes*	<0.150	0.150	06/25/2021	ND	5.57	92.8	6.00	3.68	
Total BTEX	<0.300	0.300	06/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/25/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2021	ND	201	101	200	1.20	
DRO >C10-C28*	95.4	10.0	06/25/2021	ND	214	107	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/25/2021	ND					

Surrogate: 1-Chlorooctane 77.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.0 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	06/23/2021	Sampling Date:	06/23/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: B 5 @ 2' (H211635-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2021	ND	1.99	99.3	2.00	4.51	
Toluene*	<0.050	0.050	06/25/2021	ND	1.90	95.1	2.00	5.29	
Ethylbenzene*	<0.050	0.050	06/25/2021	ND	1.83	91.7	2.00	4.14	
Total Xylenes*	<0.150	0.150	06/25/2021	ND	5.57	92.8	6.00	3.68	
Total BTEX	<0.300	0.300	06/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/25/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2021	ND	201	101	200	1.20	
DRO >C10-C28*	37.1	10.0	06/25/2021	ND	214	107	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/25/2021	ND					

Surrogate: 1-Chlorooctane 83.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.2 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	06/23/2021	Sampling Date:	06/23/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: B 6 @ 2' (H211635-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2021	ND	1.99	99.3	2.00	4.51	
Toluene*	<0.050	0.050	06/25/2021	ND	1.90	95.1	2.00	5.29	
Ethylbenzene*	<0.050	0.050	06/25/2021	ND	1.83	91.7	2.00	4.14	
Total Xylenes*	<0.150	0.150	06/25/2021	ND	5.57	92.8	6.00	3.68	
Total BTEX	<0.300	0.300	06/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/25/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2021	ND	201	101	200	1.20	
DRO >C10-C28*	<10.0	10.0	06/25/2021	ND	214	107	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/25/2021	ND					

Surrogate: 1-Chlorooctane 78.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.8 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	06/23/2021	Sampling Date:	06/23/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: B 7 @ 2' (H211635-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2021	ND	1.99	99.3	2.00	4.51	
Toluene*	<0.050	0.050	06/25/2021	ND	1.90	95.1	2.00	5.29	
Ethylbenzene*	<0.050	0.050	06/25/2021	ND	1.83	91.7	2.00	4.14	
Total Xylenes*	<0.150	0.150	06/25/2021	ND	5.57	92.8	6.00	3.68	
Total BTEX	<0.300	0.300	06/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/25/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2021	ND	201	101	200	1.20	
DRO >C10-C28*	31.1	10.0	06/25/2021	ND	214	107	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/25/2021	ND					

Surrogate: 1-Chlorooctane 71.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.8 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	06/23/2021	Sampling Date:	06/23/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: B 8 @ 2' (H211635-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2021	ND	1.99	99.3	2.00	4.51	
Toluene*	<0.050	0.050	06/25/2021	ND	1.90	95.1	2.00	5.29	
Ethylbenzene*	<0.050	0.050	06/25/2021	ND	1.83	91.7	2.00	4.14	
Total Xylenes*	<0.150	0.150	06/25/2021	ND	5.57	92.8	6.00	3.68	
Total BTEX	<0.300	0.300	06/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/25/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2021	ND	201	101	200	1.20	
DRO >C10-C28*	<10.0	10.0	06/25/2021	ND	214	107	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/25/2021	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.2 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	06/23/2021	Sampling Date:	06/23/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: B 9 @ 2' (H211635-11)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2021	ND	1.99	99.3	2.00	4.51	
Toluene*	<0.050	0.050	06/25/2021	ND	1.90	95.1	2.00	5.29	
Ethylbenzene*	<0.050	0.050	06/25/2021	ND	1.83	91.7	2.00	4.14	
Total Xylenes*	<0.150	0.150	06/25/2021	ND	5.57	92.8	6.00	3.68	
Total BTEX	<0.300	0.300	06/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/25/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2021	ND	201	101	200	1.20	
DRO >C10-C28*	<10.0	10.0	06/25/2021	ND	214	107	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/25/2021	ND					

Surrogate: 1-Chlorooctane 73.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.3 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	06/23/2021	Sampling Date:	06/23/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: B 10 @ 2' (H211635-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2021	ND	1.99	99.3	2.00	4.51	
Toluene*	<0.050	0.050	06/25/2021	ND	1.90	95.1	2.00	5.29	
Ethylbenzene*	<0.050	0.050	06/25/2021	ND	1.83	91.7	2.00	4.14	
Total Xylenes*	<0.150	0.150	06/25/2021	ND	5.57	92.8	6.00	3.68	
Total BTEX	<0.300	0.300	06/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/25/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2021	ND	201	101	200	1.20	
DRO >C10-C28*	28.2	10.0	06/25/2021	ND	214	107	200	0.552	
EXT DRO >C28-C36	<10.0	10.0	06/25/2021	ND					

Surrogate: 1-Chlorooctane 79.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.1 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 JEFFREY BROOM
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	06/23/2021	Sampling Date:	06/23/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: B 11 @ 2' (H211635-13)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2021	ND	2.08	104	2.00	0.949	
Toluene*	<0.050	0.050	06/25/2021	ND	2.14	107	2.00	2.17	
Ethylbenzene*	<0.050	0.050	06/25/2021	ND	2.05	103	2.00	1.65	
Total Xylenes*	<0.150	0.150	06/25/2021	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	06/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/25/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2021	ND	227	113	200	1.50	
DRO >C10-C28*	<10.0	10.0	06/25/2021	ND	237	119	200	0.495	
EXT DRO >C28-C36	<10.0	10.0	06/25/2021	ND					

Surrogate: 1-Chlorooctane 74.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.1 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: *Apache Corporation*
 Project Manager: *Bruce Baker*
 Address:
 City: State: Zip:
 Phone #: Fax #:
 Project #: Project Owner:
 Project Name: *JR Phillips #6*
 Project Location: *JR Phillips #6*
 Sampler Name: *Jeff Brown*
 P.O. #: Company:
 Attn: Address:
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	EXT. TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<i>Hollis</i>	<i>W21</i>	<i>C</i>	<i>C</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>6/23/21</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	
	<i>W2</i>	<i>C</i>	<i>C</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>6/23/21</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	
	<i>B1 @ 2'</i>	<i>C</i>	<i>C</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	
	<i>B2 @ 2'</i>	<i>C</i>	<i>C</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	
	<i>B3 @ 2'</i>	<i>C</i>	<i>C</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	
	<i>B4 @ 2'</i>	<i>C</i>	<i>C</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	
	<i>B5 @ 2'</i>	<i>C</i>	<i>C</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	
	<i>B6 @ 2'</i>	<i>C</i>	<i>C</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	
	<i>B7 @ 2'</i>	<i>C</i>	<i>C</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	
	<i>B8 @ 2'</i>	<i>C</i>	<i>C</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether or such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *Jeff Brown*
 Date: *6/23/21*
 Time: *3:14*
 Received By: *Lawrence DeMatos*
 Date: _____
 Time: _____

Delivered By: (Circle One) **S.3** Observed Temp. °C
 Sampler - UPS - Bus - Other: Corrected Temp. °C
 Sample Condition: Intact Cool Yes No
 CHECKED BY: (Initials) *TD*
 Turnaround Time: Standard Rush
 Thermometer ID #113 Bacteria (only) Cool Intact Yes No
 Correction Factor None Yes No
 Sample Condition: Observed Temp. °C Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: *Alaska Corporation*
 Project Manager: *Blair Baker*
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: *JR Phillips #6*
 Project Location: *JR Phillips #6*
 Sampler Name: *Jeff Green*

P.O. #: _____
 Company: _____
 Attn: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<i>H211635</i>	<i>B9 @ 2'</i>	<i>C</i>	<i>C</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>			<i>6/23/21</i>	<i>11</i>	<i>CL</i>	
	<i>B10 @ 2'</i>	<i>C</i>	<i>C</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>			<i>6/23/21</i>	<i>11</i>	<i>BTEX</i>	
	<i>B11 @ 2'</i>	<i>C</i>	<i>C</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>			<i>6/23/21</i>	<i>11</i>	<i>EXT. TPH</i>	

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated causes or other cause.

Relinquished By: *Jeff Green* Date: *6/23/21* Received By: *Lawrence White*
 Relinquished By: _____ Date: _____ Received By: _____
 Delivered By: (Circle One) Observed Temp. °C *5.3* Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: Corrected Temp. °C _____
 Turnaround Time: _____ Standard: *RUSH* Bacteria (only) Sample Condition: Intact Cool Yes No
 Thermometer ID #113 Correction Factor None Yes No Observed Temp. °C _____ Corrected Temp. °C _____
 CHECKED BY: (Initials) *AO*
 Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: _____
 † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 06, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: J R PHILLIPS #6

Enclosed are the results of analyses for samples received by the laboratory on 07/02/21 10:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	07/02/2021	Sampling Date:	07/02/2021
Reported:	07/06/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: B 3 @ 2.5' (H211721-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/02/2021	ND	2.04	102	2.00	1.06		
Toluene*	<0.050	0.050	07/02/2021	ND	2.15	108	2.00	3.56		
Ethylbenzene*	<0.050	0.050	07/02/2021	ND	2.08	104	2.00	3.14		
Total Xylenes*	<0.150	0.150	07/02/2021	ND	6.12	102	6.00	4.40		
Total BTEX	<0.300	0.300	07/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/02/2021	ND	247	123	200	7.00		
DRO >C10-C28*	<10.0	10.0	07/02/2021	ND	225	113	200	3.49		
EXT DRO >C28-C36	<10.0	10.0	07/02/2021	ND						

Surrogate: 1-Chlorooctane 74.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.8 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	07/02/2021	Sampling Date:	07/02/2021
Reported:	07/06/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: W 3 (H211721-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2021	ND	2.04	102	2.00	1.06	
Toluene*	<0.050	0.050	07/02/2021	ND	2.15	108	2.00	3.56	
Ethylbenzene*	<0.050	0.050	07/02/2021	ND	2.08	104	2.00	3.14	
Total Xylenes*	<0.150	0.150	07/02/2021	ND	6.12	102	6.00	4.40	
Total BTEX	<0.300	0.300	07/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2021	ND	247	123	200	7.00	
DRO >C10-C28*	<10.0	10.0	07/02/2021	ND	225	113	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	07/02/2021	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.7 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	07/02/2021	Sampling Date:	07/02/2021
Reported:	07/06/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: W 4 (H211721-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2021	ND	2.04	102	2.00	1.06	
Toluene*	<0.050	0.050	07/02/2021	ND	2.15	108	2.00	3.56	
Ethylbenzene*	<0.050	0.050	07/02/2021	ND	2.08	104	2.00	3.14	
Total Xylenes*	<0.150	0.150	07/02/2021	ND	6.12	102	6.00	4.40	
Total BTEX	<0.300	0.300	07/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2021	ND	247	123	200	7.00	
DRO >C10-C28*	<10.0	10.0	07/02/2021	ND	225	113	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	07/02/2021	ND					

Surrogate: 1-Chlorooctane 80.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.7 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 07/02/2021
 Reported: 07/06/2021
 Project Name: J R PHILLIPS #6
 Project Number: NONE GIVEN
 Project Location: MONUMENT, NM

Sampling Date: 07/02/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W 5 (H211721-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2021	ND	2.04	102	2.00	1.06	
Toluene*	<0.050	0.050	07/02/2021	ND	2.15	108	2.00	3.56	
Ethylbenzene*	<0.050	0.050	07/02/2021	ND	2.08	104	2.00	3.14	
Total Xylenes*	<0.150	0.150	07/02/2021	ND	6.12	102	6.00	4.40	
Total BTEX	<0.300	0.300	07/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2021	ND	247	123	200	7.00	
DRO >C10-C28*	<10.0	10.0	07/02/2021	ND	225	113	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	07/02/2021	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.4 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received:	07/02/2021	Sampling Date:	07/02/2021
Reported:	07/06/2021	Sampling Type:	Soil
Project Name:	J R PHILLIPS #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MONUMENT, NM		

Sample ID: W 6 (H211721-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2021	ND	2.04	102	2.00	1.06	
Toluene*	<0.050	0.050	07/02/2021	ND	2.15	108	2.00	3.56	
Ethylbenzene*	<0.050	0.050	07/02/2021	ND	2.08	104	2.00	3.14	
Total Xylenes*	<0.150	0.150	07/02/2021	ND	6.12	102	6.00	4.40	
Total BTEX	<0.300	0.300	07/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/02/2021	ND	247	123	200	7.00	
DRO >C10-C28*	<10.0	10.0	07/02/2021	ND	225	113	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	07/02/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.2 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Apache Corporation
 Project Manager: Bruce Baker
 Address:
 City: State: Zip:
 Phone #: Fax #:
 Project #: Project Owner:
 Project Name: JR Phillips #6
 Project Location: JR Phillips #6
 Sampler Name: Jeff Brown
 FOR LAB USE ONLY

P.O. #:
 Company:
 Attn:
 Address:
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
H211721	B3 @ 2 1/2'	C	1			✓					7/12/21	1000	BTEX
	2 W3	C	2			✓					7/12/21	1005	EXT. TPH
	3 W4	C	3			✓					7/12/21	1006	
	4 W5	C	4			✓					7/12/21	1007	
	5 W6	C	5			✓					7/12/21	1008	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Jeff Brown
 Date: 7/12/21
 Time: 10:50

Received By: Janara Blackby
 Date: 7/12/21
 Time: 10:50

Vertical Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS:

Delivered By: (Circle One) Observed Temp. °C 5.2
 Sampler - UPS - Bus - Other: Corrected Temp. °C
 Sample Condition: Cool Intact Yes No
 Checked By: (Initials) JB
 Turaround Time: Standard Rush
 Thermometer ID #113 Bacteria (only) Sample Condition
 Correction Factor None Yes No Yes No Yes No
 Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Apache water. 10 after 11.0 11.0/21

w5
11.0/30.3 .03 2.75 = 82 ✓

w6
11.1/30.1 .05 2.71 = 135 ✓

w7
11.0/30.3 .07 2.71 = 189 ✓

May 4 2021 JR Phillips #6

SP1 surface 32.6075280 -103.305420

11.2/30.2 .17 2.69 = 457 ✓

SP1 @ 1'

11.2/30.3 .08 2.70 = 215 ✓

SP2 surface 32.6073405 -103.3053463

11.0/30.0 .04 2.72 = 163 ✓

SP2 @ 1'

11.2/30.0 .02 2.67 = 53 ✓

SP3 surface 32.6073159 -103.3055354

11.3/30.3 .03 2.68 = 80 ✓

SP3 @ 1'

11.2/30.1 .01 2.68 = 26 ✓

JR Phillips #6 6/23/21 Final Samples

W1 - 32.607607, -103.305376
10.4/30.0 = 2.88 = .06 = 172 ✓

W2 - 32.607567, -103.305415
10.2/30.1 = 2.95 = .03 = 88 ✓

B1 - 32.607582, -103.305562
10.4/30.1 = 2.89 = .04 = 115 ✓

B2 - 32.607573, -103.305518
10.2/30.1 = 2.95 = .05 = 147 ✓

B3 - 32.607553, -103.305469
10.2/30.2 = 2.96 = .04 = 118 ✓

B4 - 32.607551, -103.305423
10.1/30.1 = 2.98 = .04 = 119 ✓

B5 - 32.607526, -103.305417
10.1/30.0 = 2.97 = .03 = 89 ✓

B6 - 32.607525, -103.305374
10.1/30.7 = 2.98 = .10 = 297 ✓

B7 - 32.607548, -103.305382
10.3/30.0 = 2.91 = .07 = 203 ✓

B8 - 32.607556, -103.305355
10.1/30.1 = 2.98 = .08 = 238 ✓

B9 - 32.607586, -103.305345
10.0/30.0 = 3 = .05 = 149 ✓

B10 - 32.607611, -103.305334
10.0/30.0 = 3 = .05 = 149 ✓

B11 - 32.607634, -103.305329
10.3/30.3 = 2.94 = .07 = 205 ✓

GPS Coordinates SAMPLES TAKEN ON JR Phillips #006

W3 - 32.607551, -103.305451

7/2/21

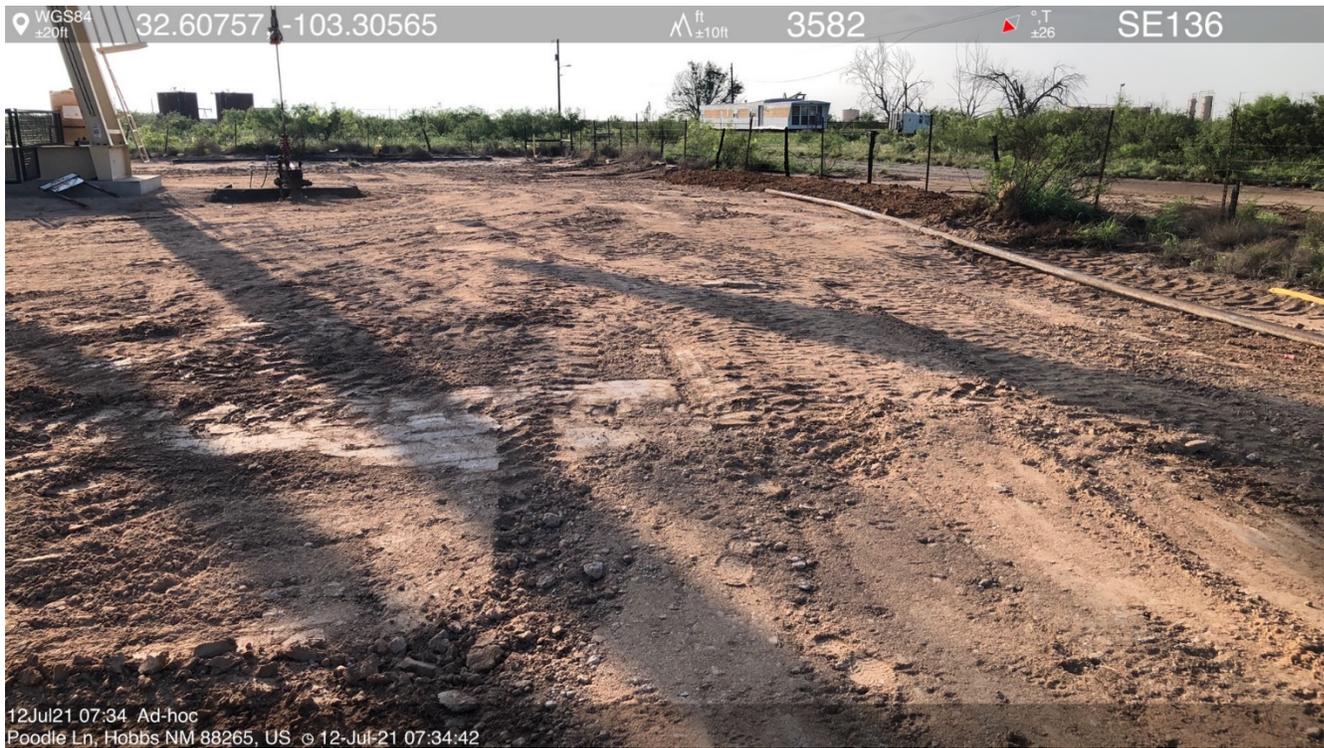
W4 - 32.607540, -103.305474

W5 - 32.607561, -103.305489

W6 - 32.607571, -103.305466

B3 @ 2 1/2' - 32.607553, -103.305469





District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS
 Action 36692

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 36692
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	8/19/2021